



December 11, 2000

DESIGN MEMORANDUM No. 00-19
POLICY CHANGE

TO: All Design, Operations, District Personnel, and Consultants

FROM: /s/ Anthony L. Uremovich
Anthony L. Uremovich
Acting Design Policy Engineer
Contracts and Construction Division

SUBJECT: Temporary Erosion and Sediment Control

EFFECTIVE: September 11, 2001, Letting

An erosion and sediment control plan is required to be submitted to the applicable local Soil and Water Conservation District to comply with 327 IAC 15-5, known as Rule 5, for each project where 2 ha (5 ac) or more are disturbed. Standard Specifications, Standard Drawings, Indiana Design Manual Chapter 37, and Design Memorandum No. 00-19 Technical Advisory have been developed for erosion and sediment control to formalize and expand on existing measures available to the designer. These guidelines will aid the designer in choosing the appropriate measures and frequency of their use. Although Rule 5 requires erosion and sediment control measures for 2 ha (5 ac) or more, these measures should be applied to all projects wherever land is disturbed. Formal submittal to comply with Rule 5 is not required where less than 2 ha (5 ac) are disturbed. However, where soil is disturbed, an erosion and sediment control plan must be developed. This is particularly important where sediment might be able to enter waterways.

The goal of the erosion and sediment control plan is to minimize the amount of sediment generated by construction operations leaving the construction site. Water flowing through construction-disturbed areas is to be filtered of sediment before it mixes with water which is not affected by construction operations. The guidelines described in Design Manual Chapter 37 concentrate on temporary erosion and sediment control measures. It is the designer's responsibility to include permanent measures where warranted. The designer should keep in mind that temporary erosion control measures should be in compliance with the construction clear zone criteria shown in Design Manual Chapter 82. The erosion and sediment control plan should address erosion and sediment control during the entire construction process.

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